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Marlene H. Dortch, Secretary
Federal Communications Commission
445 Twelfth St. SW
Washington, DC 20554

Regarding LightSquared Subsidiary LLC. Request for Modification of its Authority for an Ancillary Terrestrial Component, IBFS File No. SAT_MOD-20101118-00239

Dear Ms. Dortch:

I am writing to express my concern and opposition to LightSquared to construct and operate 40,000 high-powered broadband transmitters in the satellite spectrum adjacent to the low powered Global Positioning System (GPS).

The five month study by the technical working group (TWG) conclusively demonstrated that LightSquared plans would cause widespread interference to the GPS system. In effect, it would completely drown out all GPS receivers in the area. I do not have to go into detail with you as to how catastrophic this would be to the GPS industry and those that rely on it for critical day to day operations

I realize LightSquared has made new claims that using the lower frequency band would not cause harmful interference. I don't believe we have enough data to support this claim. Alliant Energy request that the FCC insist on a new study to conclusively demonstrate there will be no interference to GPS reception before LightSquare is permitted to proceed. As an alternative we request that the FCC require Light Squared to use an alternative frequency not adjacent to the GPS system.

Thank you for your consideration and attention to these matters and your continued commitment to ensuring GPS remains a functional system.

Sincerely,

A handwritten signature in dark ink, appearing to read "Michael R. Powers", written in a cursive style.

Mike Powers
Manager of Telecommunications and Networks
Alliant Energy